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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Salt Lake City, Utah 84180-1203

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February 12, 1990

Mr. John S. Vanderpool  
Umetco Minerals  
P. O. Box 767  
Nucla, Colorado 81424

Dear Mr. Vanderpool:

Re: Reclamation Surety, Calliham Mine, M/037/023, San Juan County, Utah

I have enclosed for your review, a new reclamation estimate for the Calliham site. This estimate accounts for current inflation and escalates the bond for another five years.

When the mine was recently sold to Umetco, an interim surety was supplied by the operator. Since then, the Division has made a site visit to the Calliham and re-evaluated the amount of disturbed acreage. The current bond is based on a twenty acre disturbance, instead of the earlier ten acre disturbance.

Please send us your comments by the end of February 1990 to facilitate the conclusion of this process.

Sincerely,

Holland Shepherd  
Reclamation Specialist

jb  
Enclosure  
MN5/181

## Reclamation Estimate

Feb. 8, 1990

Umetco Minerals Corporation

Calliham Mine San Juan County

M/037/023

Prepared by Utah State Division of Oil, Gas &amp; Mining

Description	Quantity	Unit	\$/Unit	Cost(\$)
Demolish & Dispose of Buildings	6700	sq ft	1.8	12,060
Construct Bulkhead Inside Portal	lump sum	_____	_____	1,100
Backfill Portal to Bulkhead	lump sum	_____	_____	650
Remove Trash & Debris	20	acre	6.6	132
Fill/Regrade Ponds	6	acre	800	4,800
Regrade Ore Pads	4	acre	800	3,200
Regrade Waste Stockpile (3:1)	5	acre	800	4,000
Rip Roads	3	acre	320	960
Boreholes	3	_____	1000	3,000
Spread Topsoil (Pads & Stockpile)	9	acre	85	765
Seedbed Preparation	20	acre	530	10,600
Revegetate	20	acre	460	9,200
Mobilization	lump sum	_____	_____	2,000
SUBTOTAL				52,467
+10% CONTINGENCY				5,247
SUBTOTAL				57,714
ESCALATION (1.84% FOR 5 YRS)				5,310
TOTAL				63,023